

INTERNATIONAL SEARCH REPORT

International Application No.
IB 03/06166

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F G07F G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 465 349 A (GERONIMI FRANCOIS ET AL) 7 November 1995 (1995-11-07) column 1, line 10 -column 2, line 3 ---	1-9
X	EP 0 510 434 A (HUGHES AIRCRAFT CO) 28 October 1992 (1992-10-28) column 1, line 50 -column 2, line 13 column 3, line 29 -column 5, line 5 figures 2,3 ---	1-6,8-10
X	EP 0 558 222 A (IBM) 1 September 1993 (1993-09-01) abstract column 9, line 42 -column 13, line 17 figure 4 --- -/--	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

24 May 2004

Date of mailing of the international search report

01/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Arbutina, L

INTERNATIONAL SEARCH REPORT

International Application No

IB 03/06166

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
------------	--	-----------------------

X	<p>US 6 499 092 B1 (HARWOOD III WALLACE B ET AL) 24 December 2002 (2002-12-24) column 2, line 45 -column 3, line 4 column 3, line 31 - line 55 column 5, line 19 - line 41 figure 1</p>	1-3,5,6, 8
---	---	---------------

X	<p>US 5 948 102 A (WUIDART SYLVIE) 7 September 1999 (1999-09-07) column 1, line 5 - line 46</p>	1-6,8,9
---	---	---------

X	<p>US 6 396 400 B1 (EPSTEIN III EDWIN A ET AL) 28 May 2002 (2002-05-28) column 10, line 4 -column 11, line 12 figure 6</p>	1-6,8,9
---	--	---------

X	<p>EP 0 965 902 A (NAT SEMICONDUCTOR CORP) 22 December 1999 (1999-12-22) page 15, paragraph 112 -page 17, paragraph 125</p>	1,5
---	---	-----

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

IB 03/06166

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5465349	A	07-11-1995	FR 2668274 A1 CA 2053741 A1 DE 69100052 D1 DE 69100052 T2 EP 0481881 A1 ES 2041549 T3 JP 1994511 C JP 4264643 A JP 7019231 B	24-04-1992 20-04-1992 29-04-1993 05-08-1993 22-04-1992 16-11-1993 22-11-1995 21-09-1992 06-03-1995
EP 0510434	A	28-10-1992	EP 0510434 A2 JP 5158800 A	28-10-1992 25-06-1993
EP 0558222	A	01-09-1993	US 5388156 A AU 663551 B2 AU 3201993 A BR 9300396 A CA 2082916 A1 CN 1076534 A ,B CN 1223408 A ,B DE 69326089 D1 DE 69326089 T2 EP 0558222 A1 HK 1018826 A1 JP 2565629 B2 JP 6243047 A KR 9603058 B1 NZ 245756 A SG 43708 A1	07-02-1995 12-10-1995 02-09-1993 31-08-1993 27-08-1993 22-09-1993 21-07-1999 30-09-1999 30-03-2000 01-09-1993 21-01-2004 18-12-1996 02-09-1994 04-03-1996 21-12-1995 14-11-1997
US 6499092	B1	24-12-2002	US 6240493 B1	29-05-2001
US 5948102	A	07-09-1999	FR 2728369 A1 DE 69501035 D1 DE 69501035 T2 EP 0718794 A1 JP 2748339 B2 JP 8249239 A	21-06-1996 18-12-1997 05-03-1998 26-06-1996 06-05-1998 27-09-1996
US 6396400	B1	28-05-2002	NONE	
EP 0965902	A	22-12-1999	US 5533123 A EP 0965902 A2 DE 69519662 D1 DE 69519662 T2 EP 0715733 A1 WO 9600953 A2	02-07-1996 22-12-1999 25-01-2001 23-05-2001 12-06-1996 11-01-1996

BEST AVAILABLE COPY